

FIG. 1

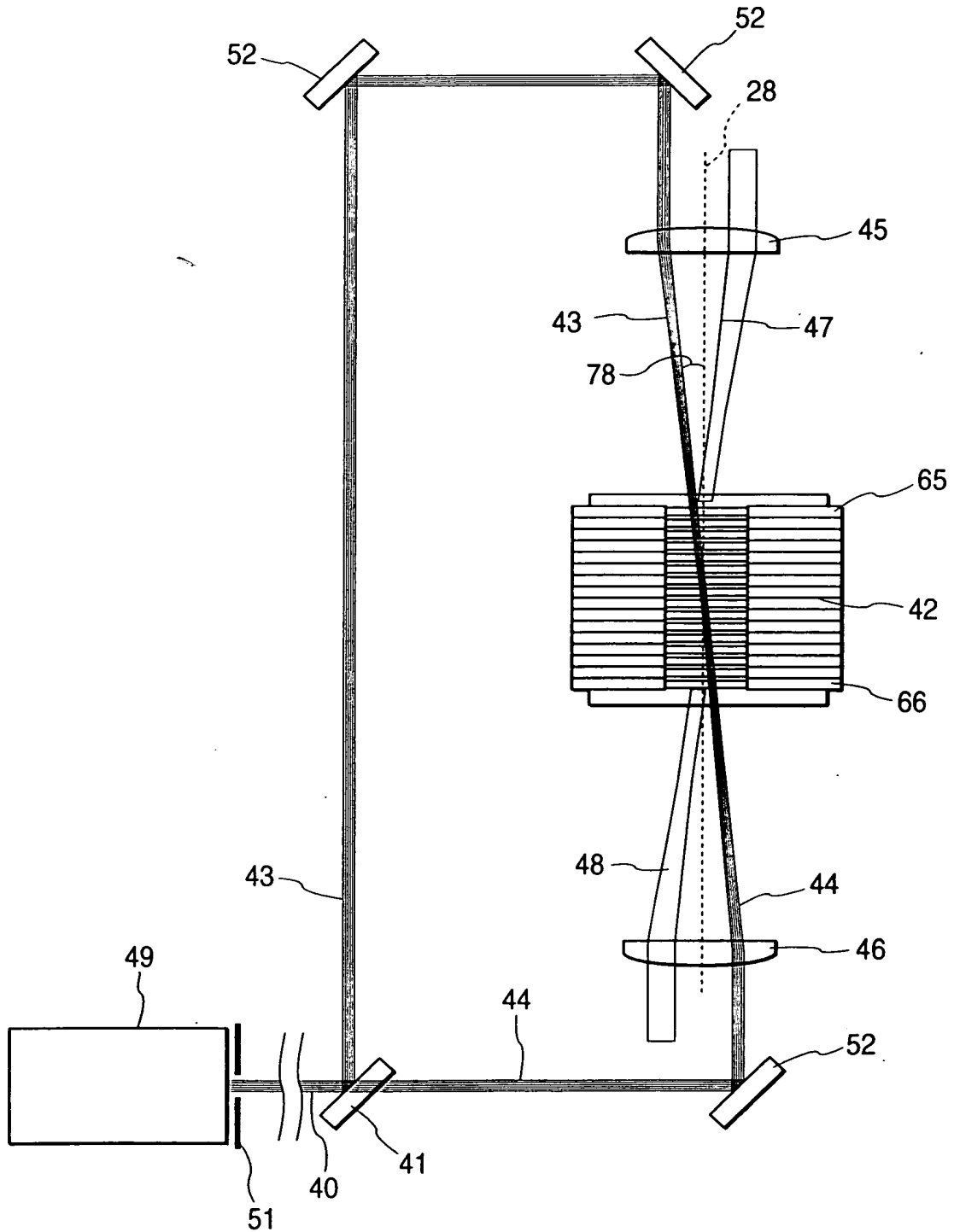


FIG. 2

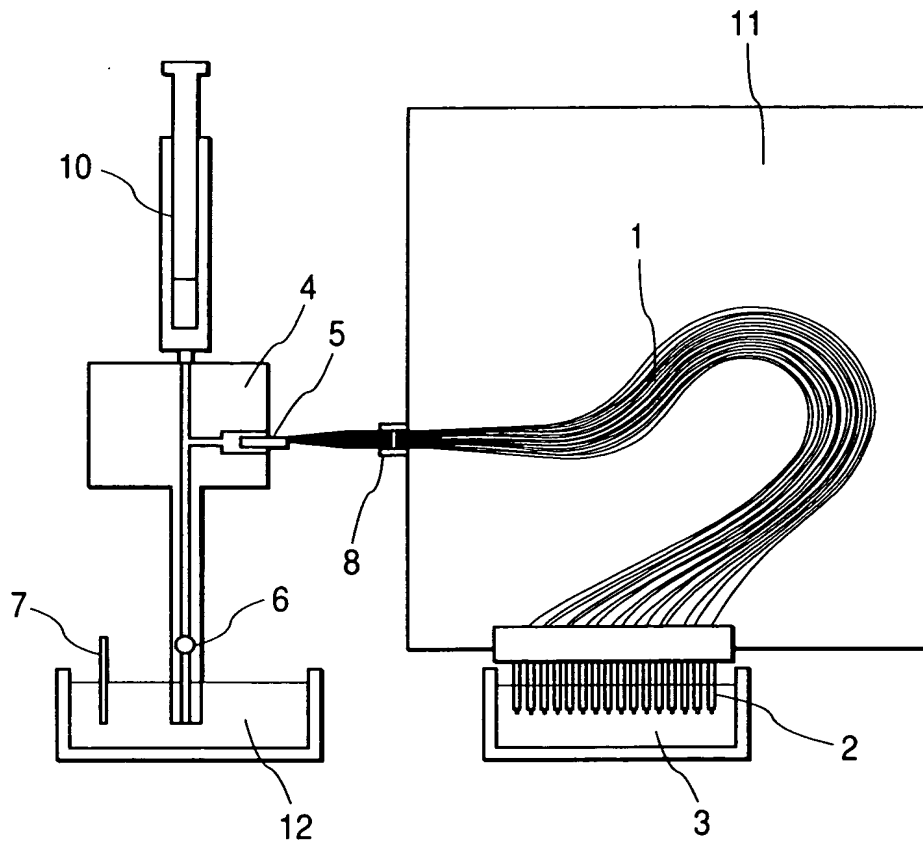


FIG. 3A

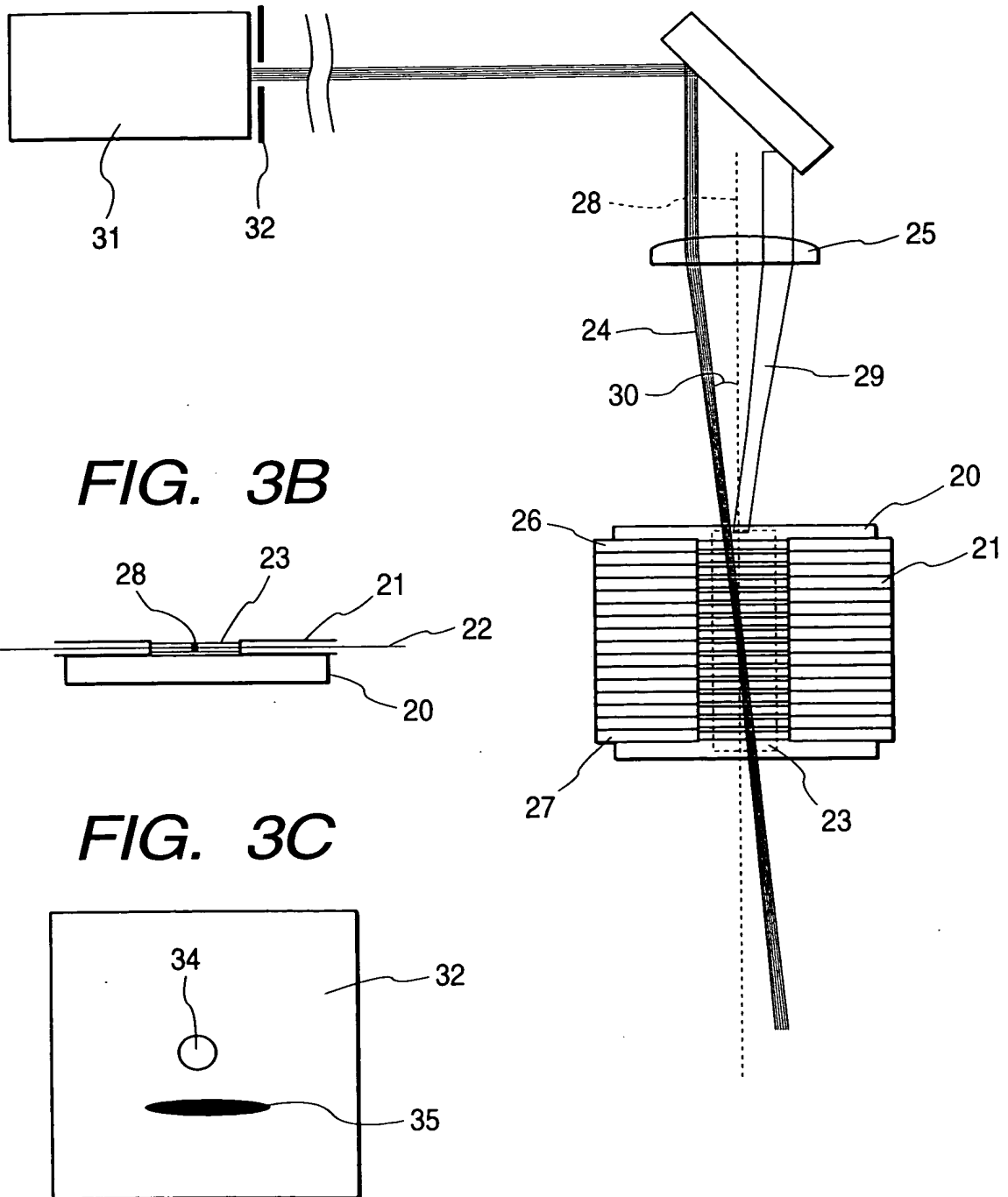


FIG. 4A

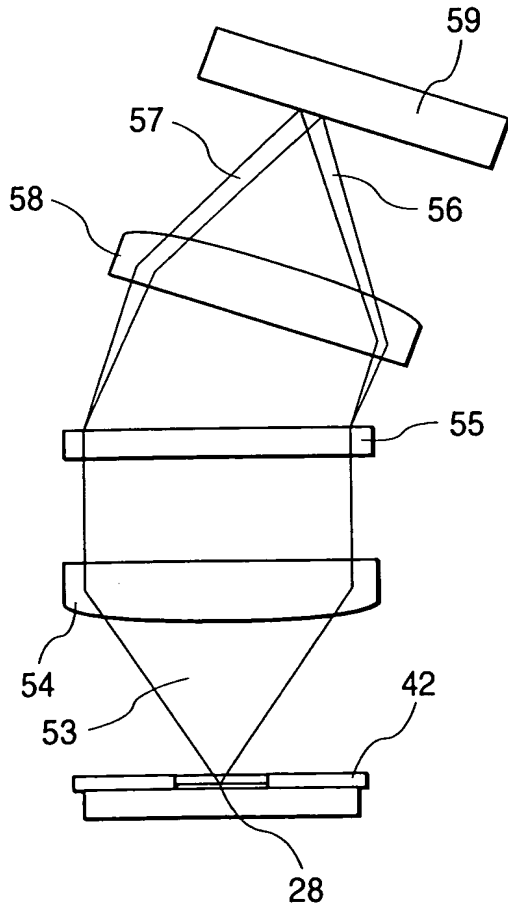


FIG. 4B

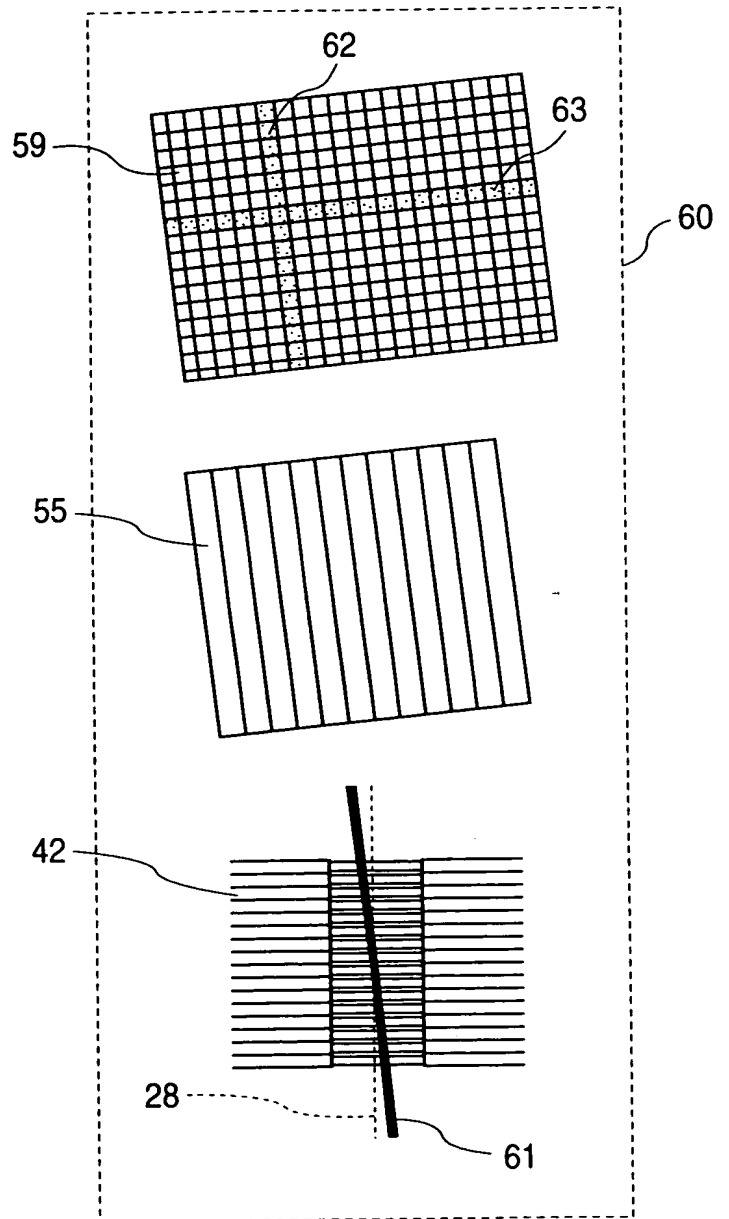


FIG. 5A

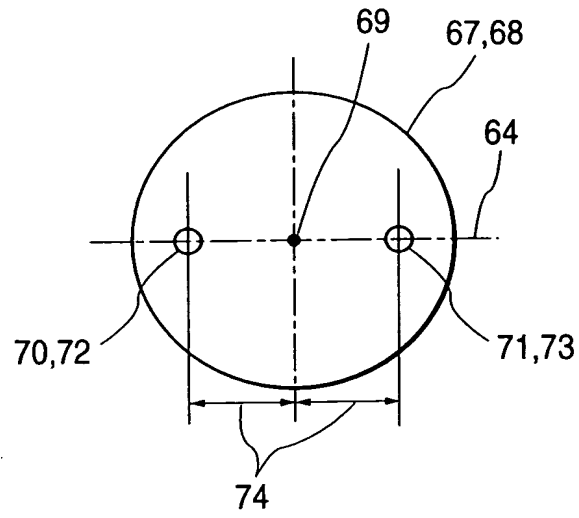


FIG. 5B

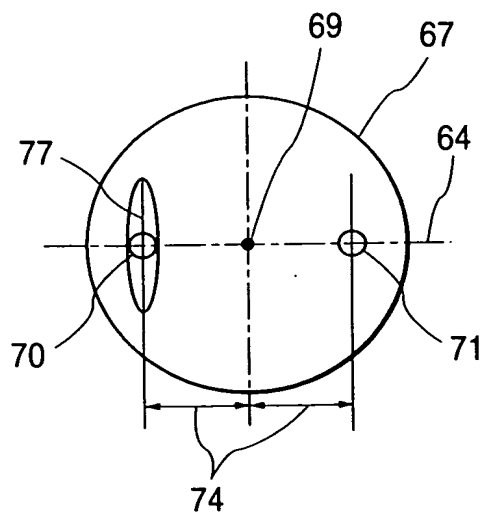


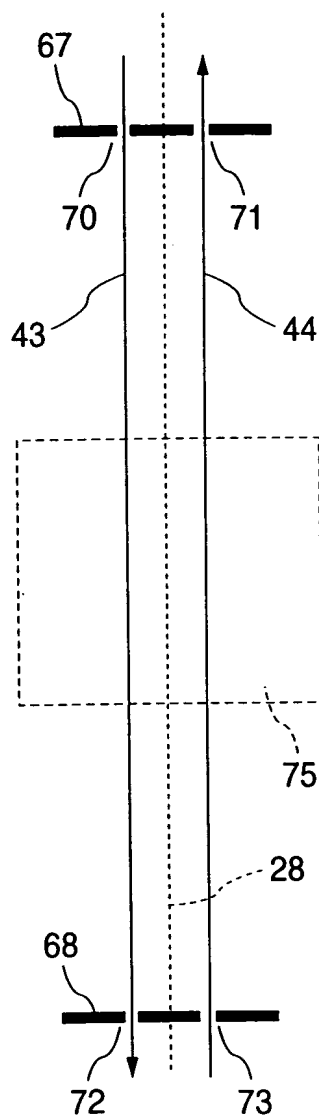
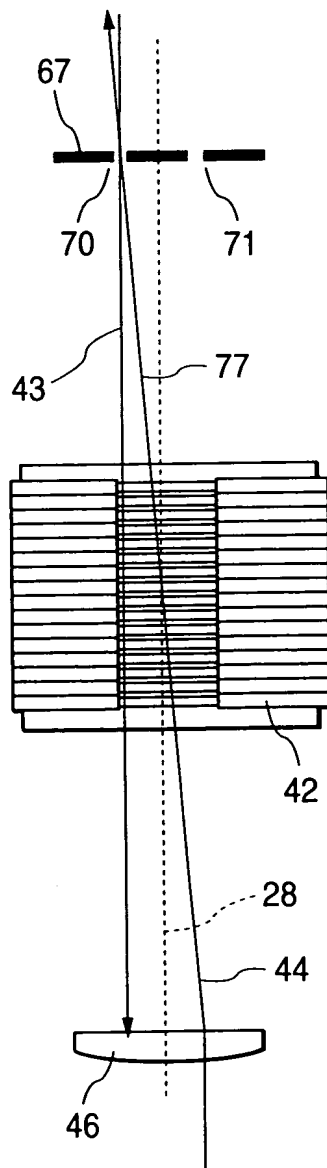
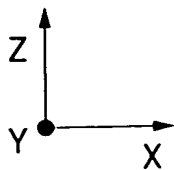
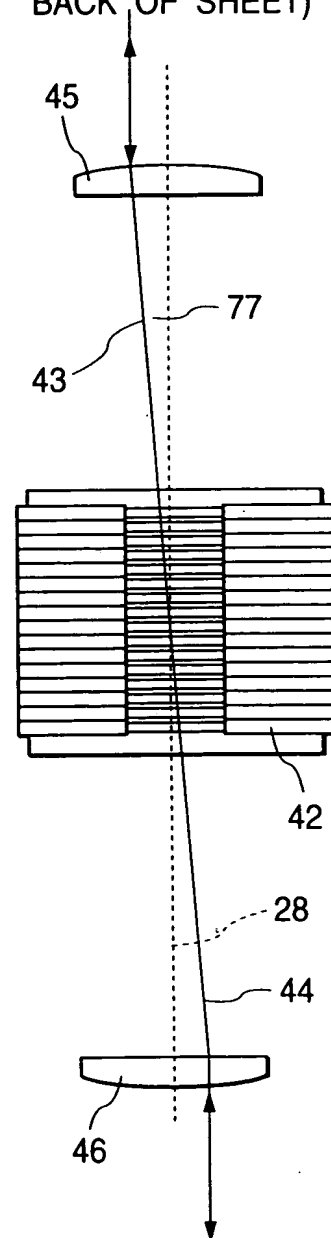
FIG. 6A(DETECTOR IS
BACK OF SHEET)**FIG. 6B**(DETECTOR IS
BACK OF SHEET)**FIG. 6C**(DETECTOR IS
BACK OF SHEET)

FIG. 7A

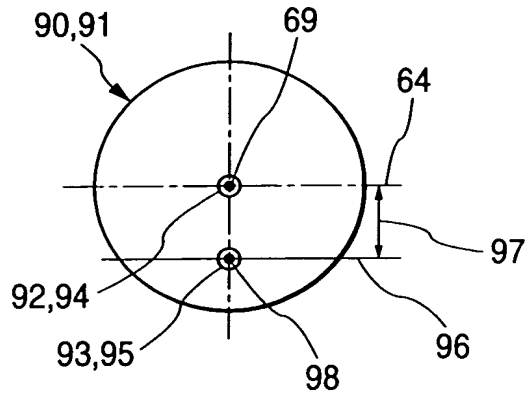


FIG. 7B

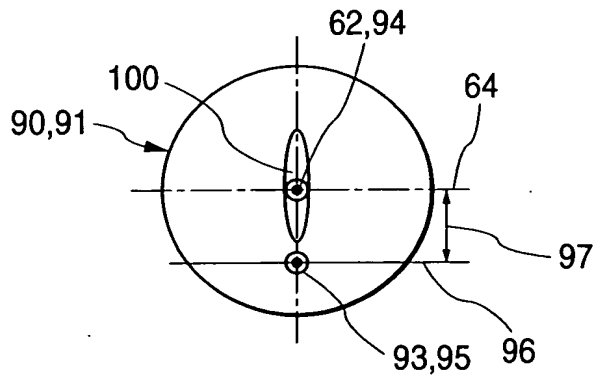


FIG. 7C

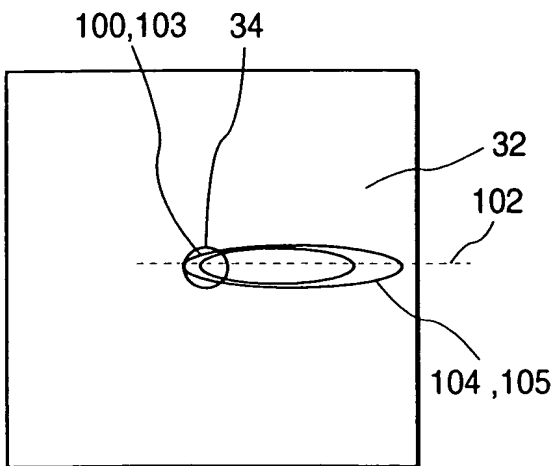
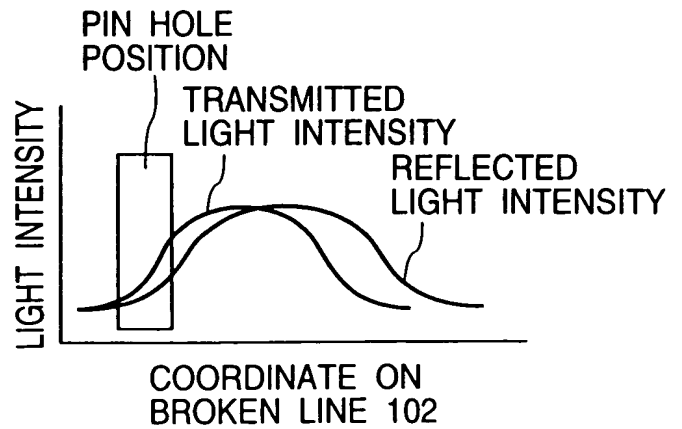
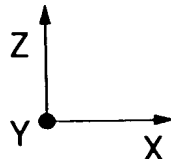


FIG. 7D



(DETECTOR IS
BACK OF SHEET)



A schematic diagram of a fluorescence detection system. A vertical line represents the particle beam path, with arrows indicating upward and downward directions. At the top, a horizontal bar is labeled 90, with segments 93 and 92. At the bottom, a horizontal bar is labeled 91, with segments 95 and 94. A dashed line labeled 22,28 is shown. A vertical dashed line is labeled 99. A rectangular detector assembly is labeled 42, containing a series of circles labeled 65 and 66. An arrow points to this assembly with the text "FLUORESCENT DETECTOR SYSTEM". At the bottom, a 3D coordinate system is shown with axes X, Y, and Z.

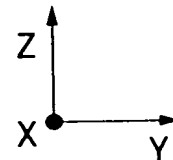


FIG. 9A

(DETECTOR IS BACK OF SHEET)

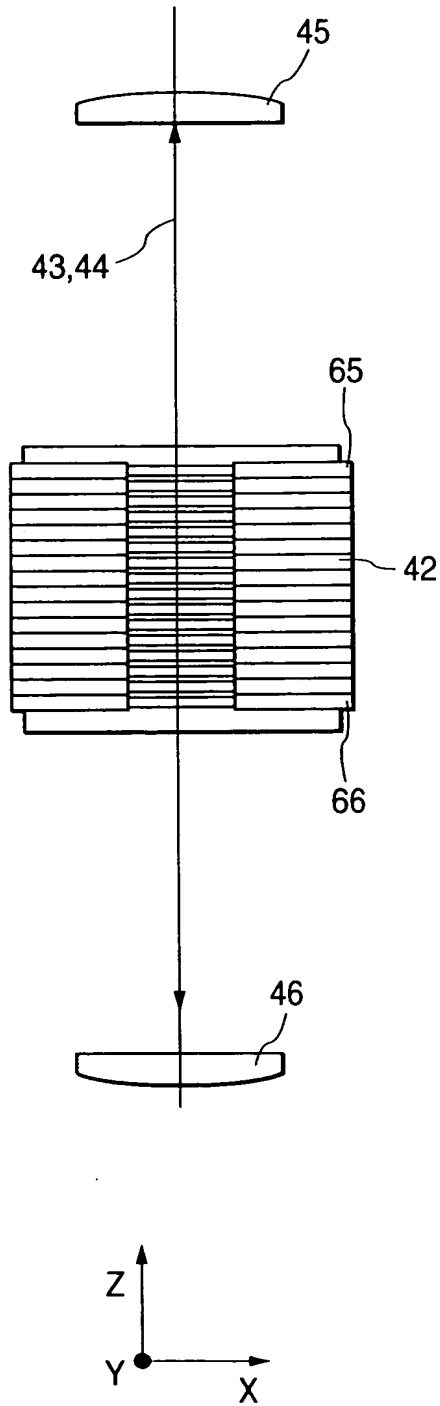
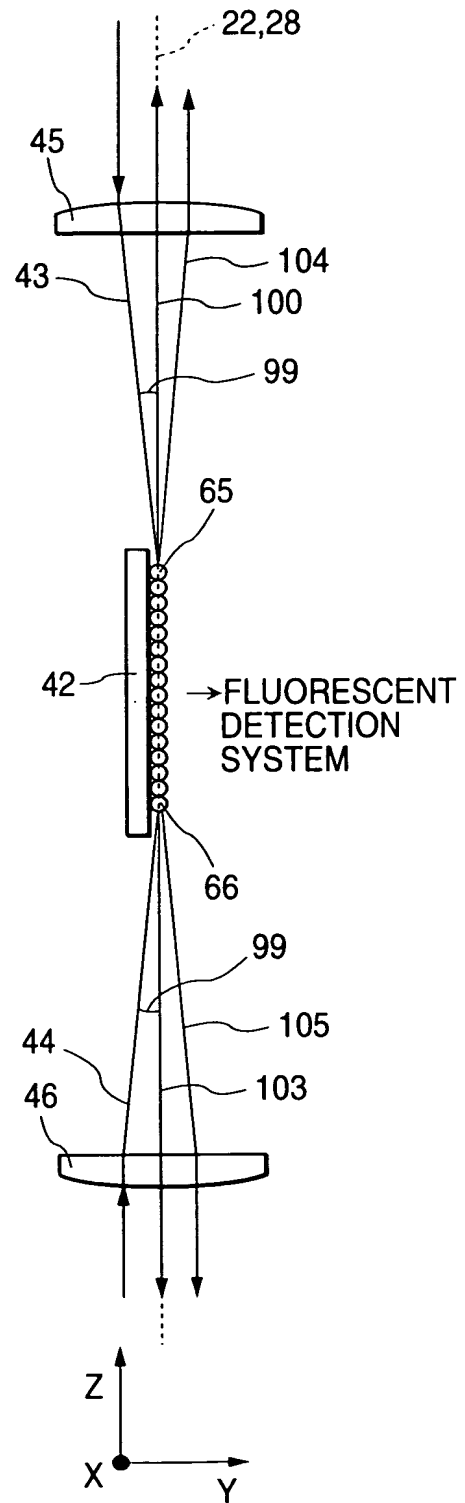
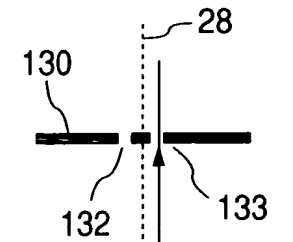
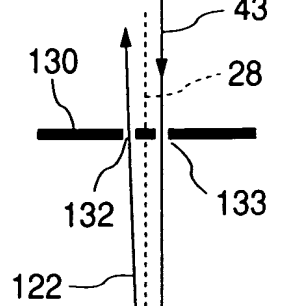
*FIG. 9B*

FIG. 10A **FIG. 10B** **FIG. 10C** **FIG. 10D**

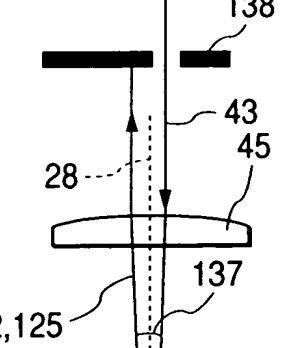
(DETECTOR IS BACK OF SHEET)



(DETECTOR IS BACK OF SHEET)



(DETECTOR IS BACK OF SHEET)



(DETECTOR IS BACK OF SHEET)

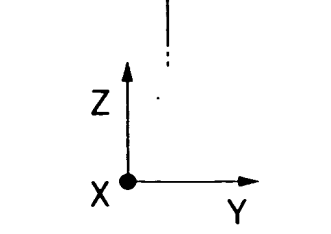
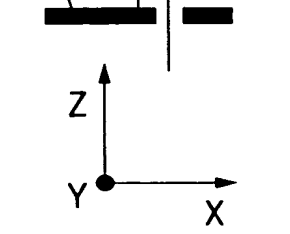
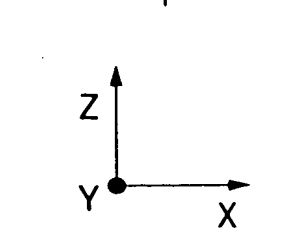
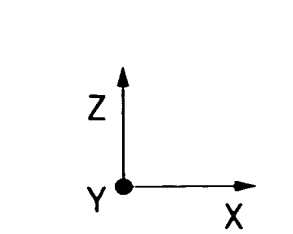
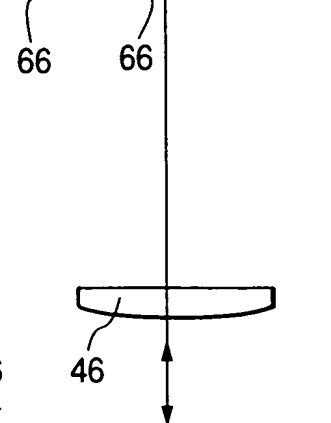
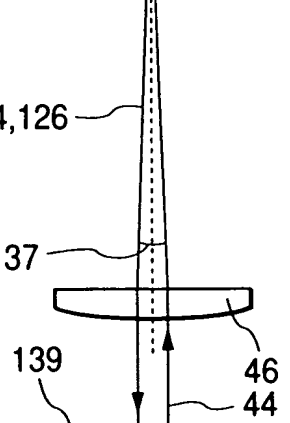
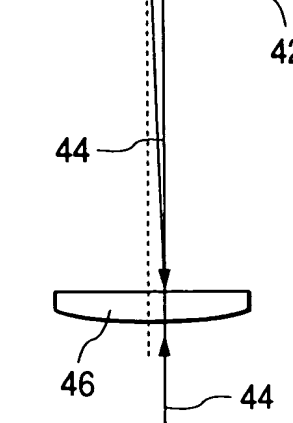
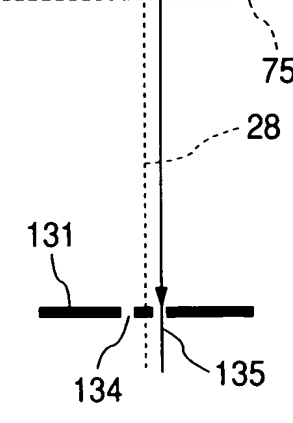
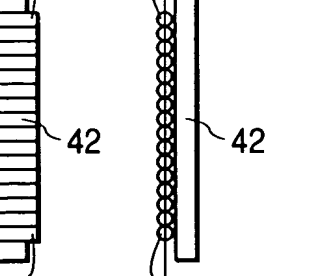
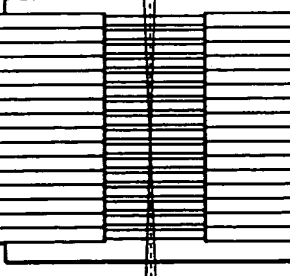
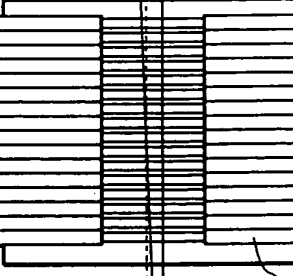
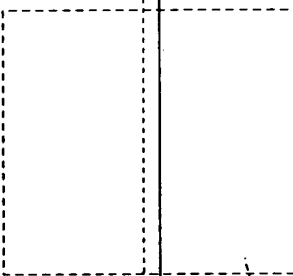
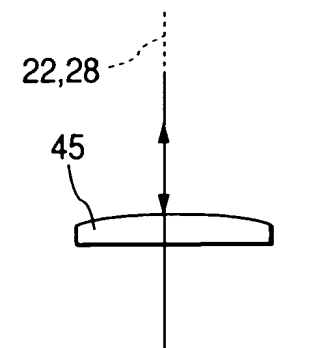


FIG. 11A

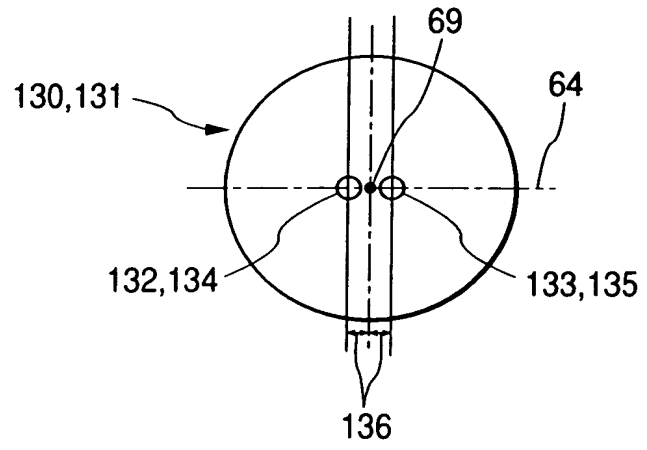


FIG. 11B

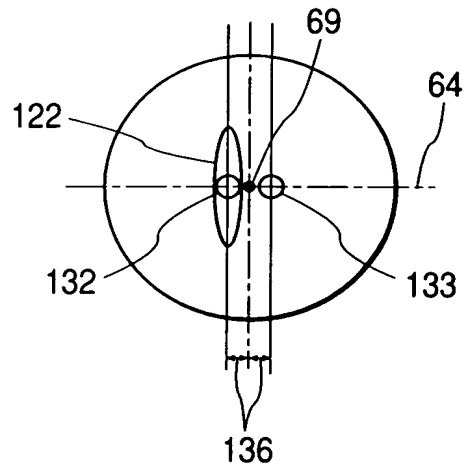


FIG. 11C

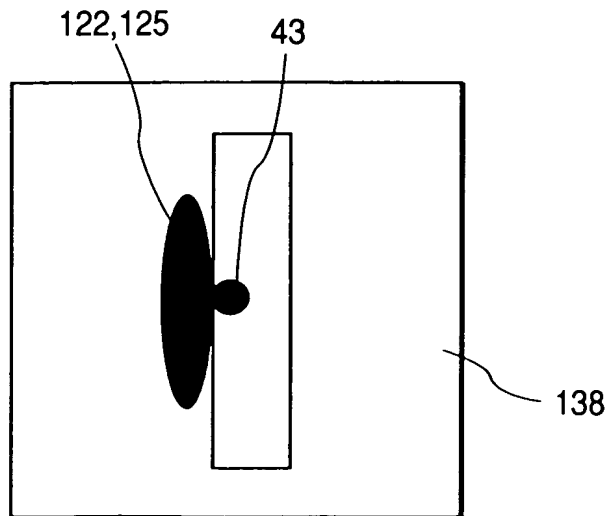


FIG. 12A

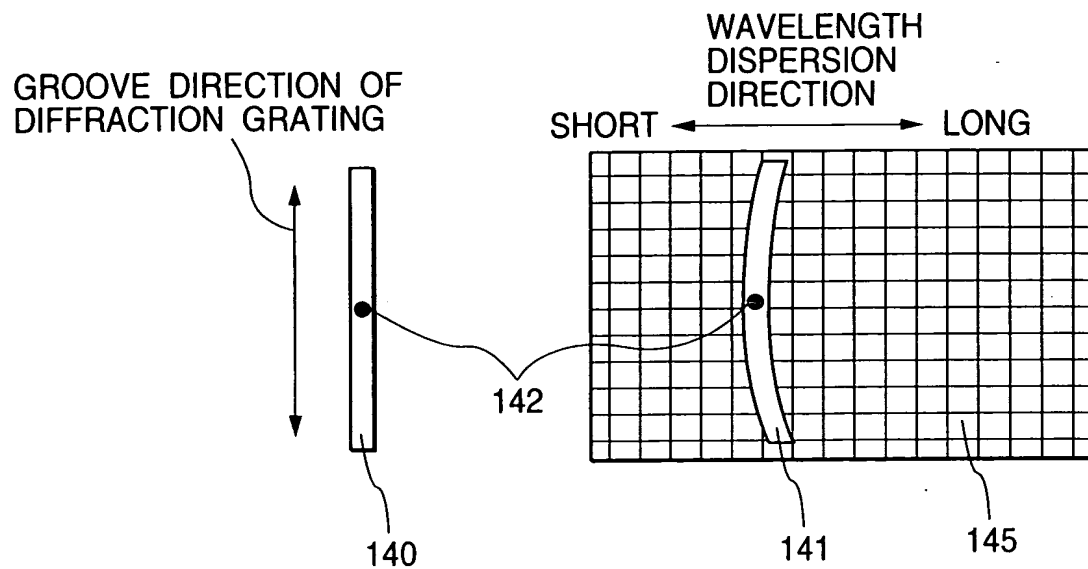


FIG. 12B

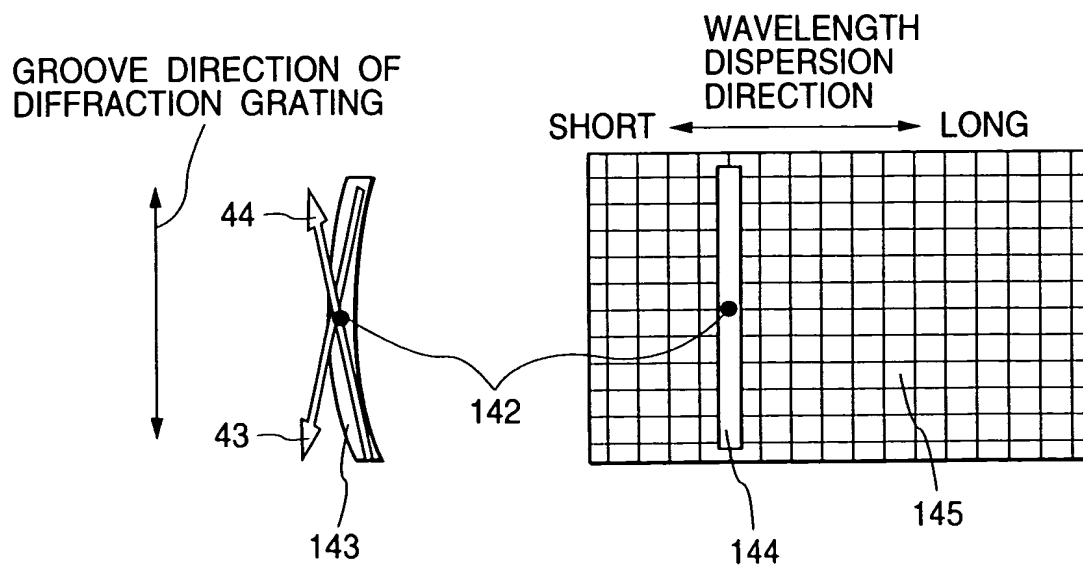


FIG. 13A

(DETECTOR IS BACK OF SHEET)

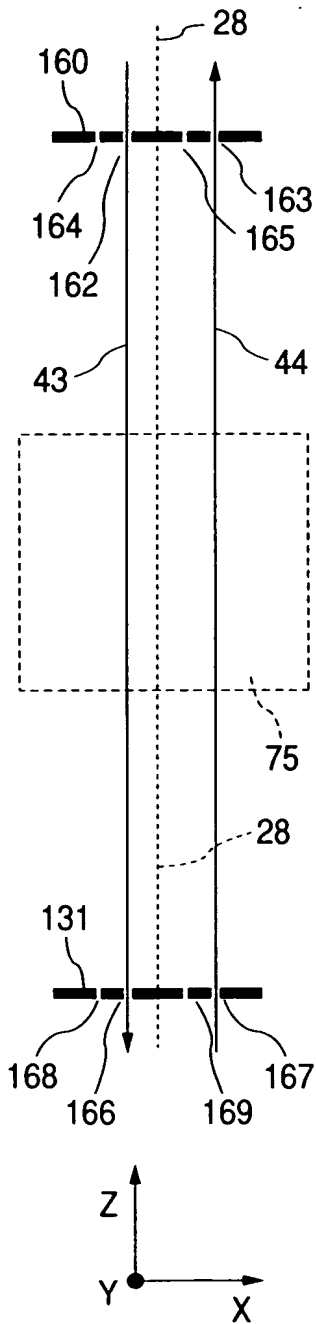


FIG. 13B

(DETECTOR IS BACK OF SHEET)

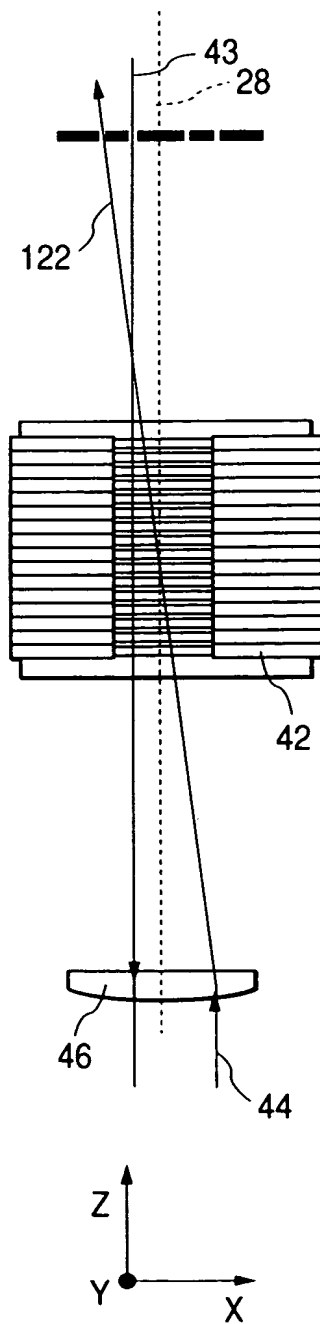


FIG. 13C

(DETECTOR IS BACK OF SHEET)

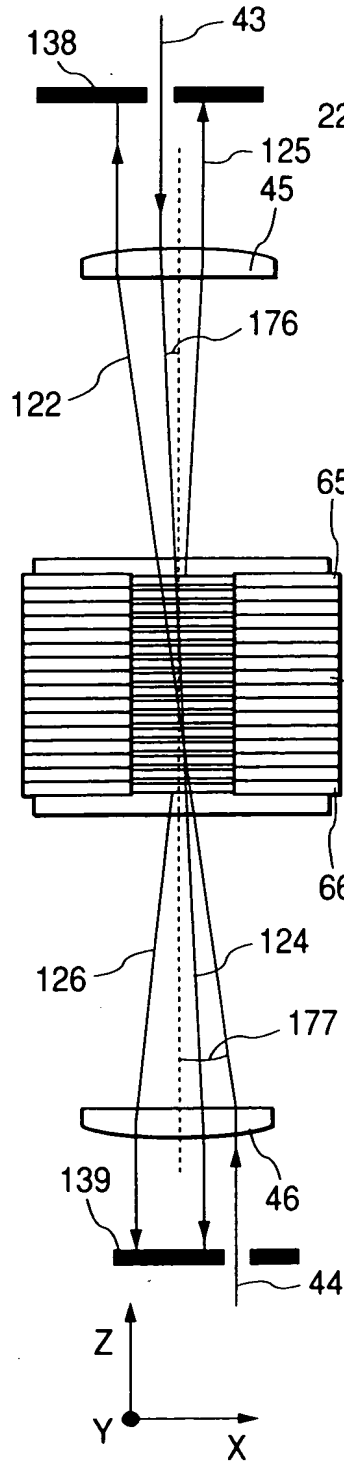


FIG. 13D

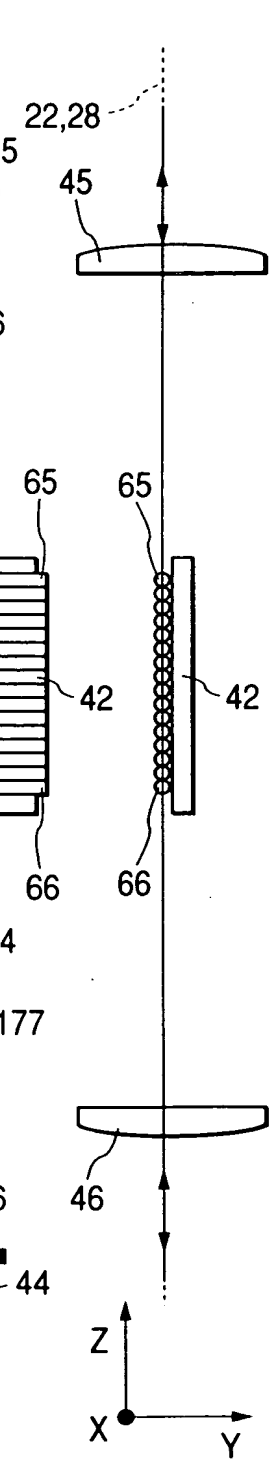


FIG. 14A

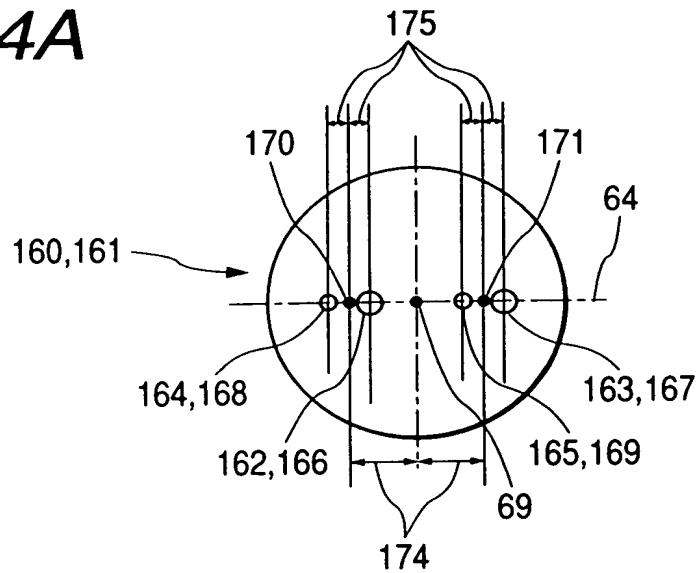


FIG. 14B

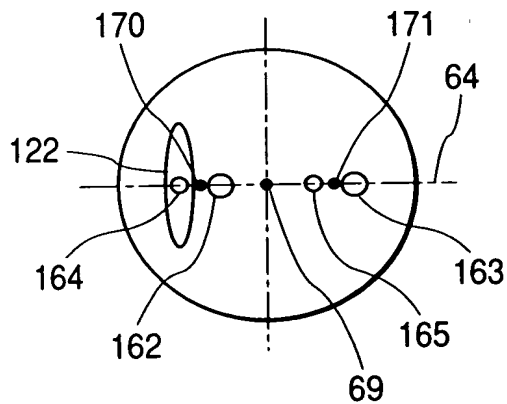
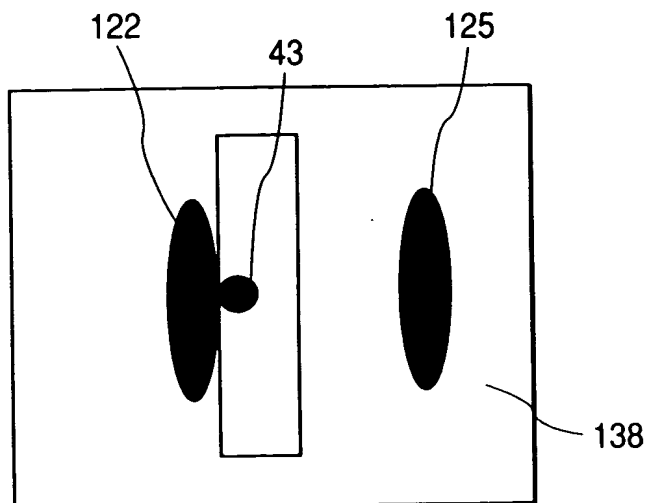


FIG. 14C



(DETECTOR IS BACK OF SHEET)

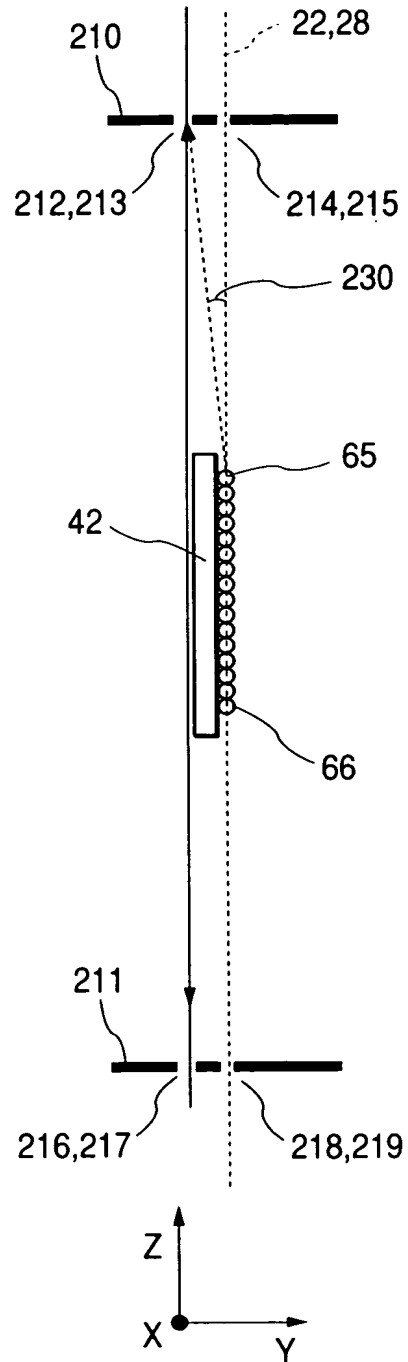
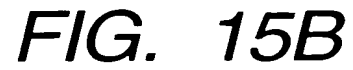


FIG. 15C

(DETECTOR IS BACK OF SHEET)

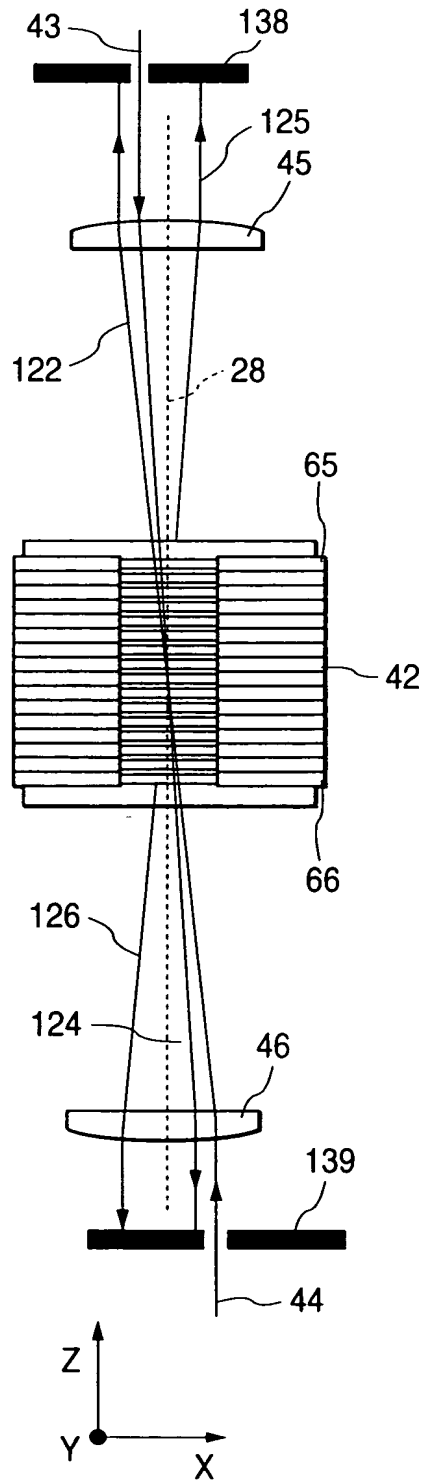


FIG. 15D

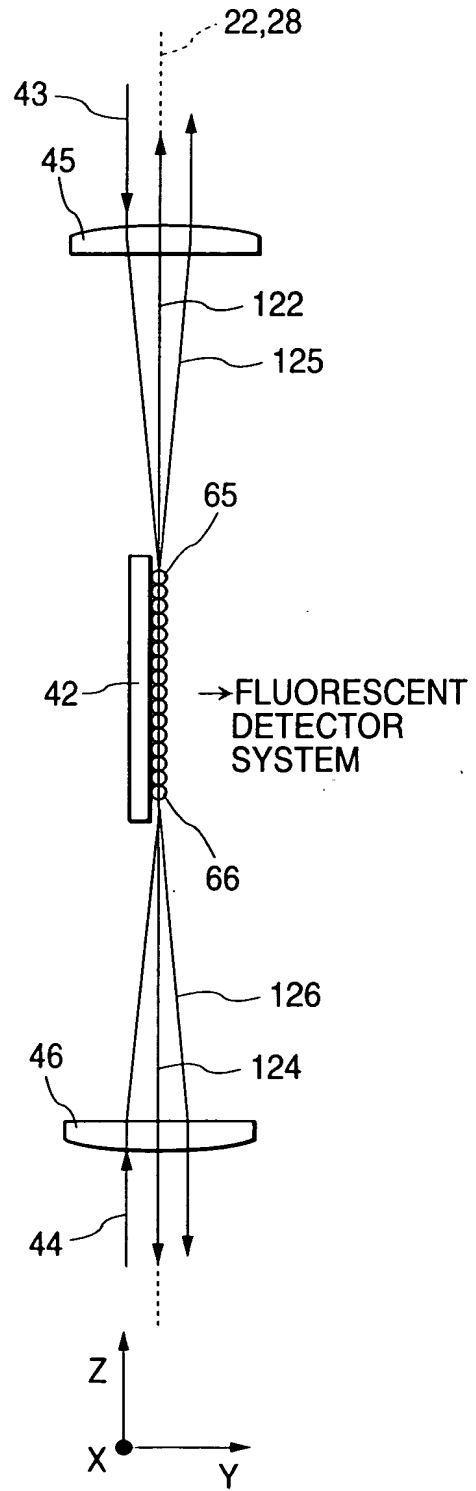


FIG. 16A

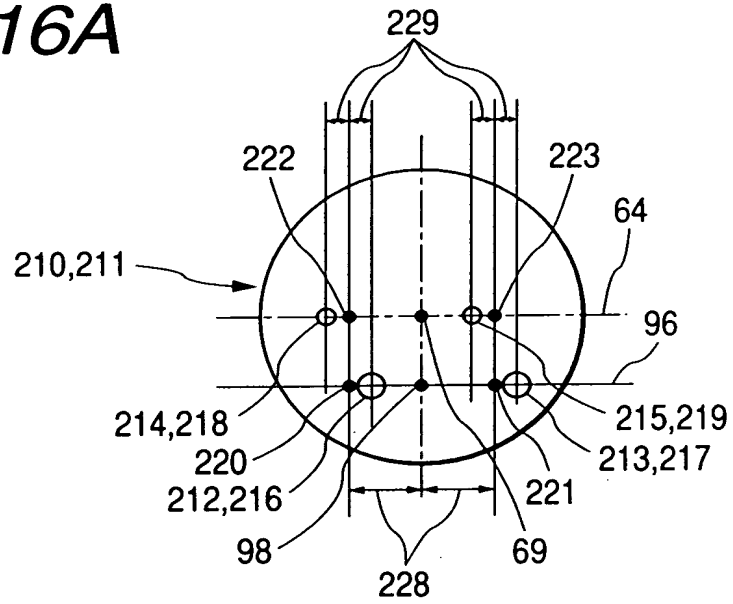


FIG. 16B

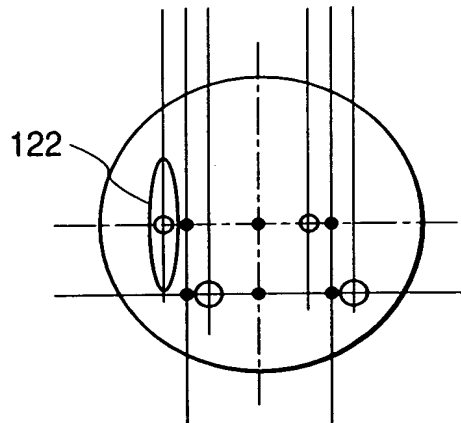


FIG. 16C

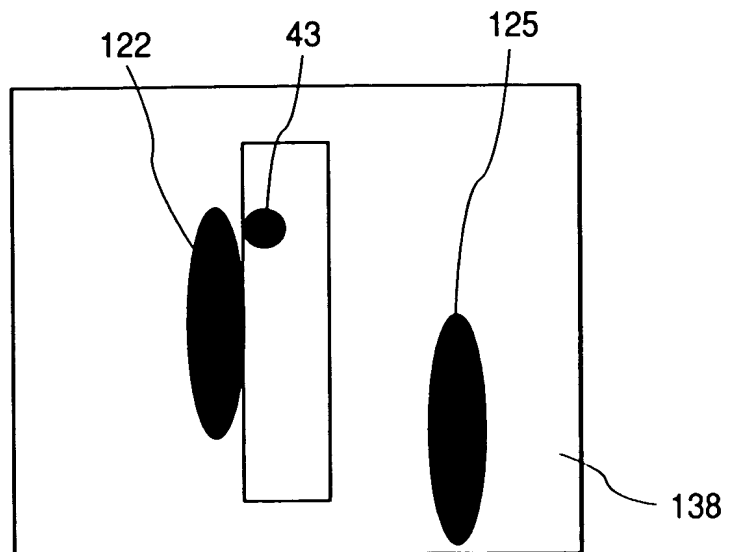


FIG. 17